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**RECOMMENDATION TO ISSUE PERMITS TO
INSTALL SEVERAL SOURCES (PLANT 2/3 METAL
DISSOLVER; D & D FACILITY; MOLD HANDLING
FACILITY; PLANT 5 EAST & NORTH SIDE COLD
SAWS; LARGE DRUM SAMPLING STATION)**

08/09/89

OEPA/DOE-FMPC

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LETTER



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

Richard F. Celeste
Governor

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Original File Copy

August 9, 1989

Mr. James Reafsnyder, Site Manager
U.S. Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45030

Dear Mr. Reasfsnyder:

This letter concerns the following applications for Permits to Install (PTI's) for the following sources at the Feed Materials Production Center:

<u>PTI No.</u>	<u>Source Name</u>
14-1511	Plant 2/3 Metal Dissolver
14-1696	Decontamination & Decommissioning Facility
14-1732	Mold Handling Facility
14-1785	Plant 5 East & North Side Cold Saws
14-1801	Large Drum Sampling Station

The Ohio EPA has performed a technical review of these applications and find that they are generally approvable. Accordingly, the Division of Air Pollution Control has forwarded its preliminary staff determination to the Director with a recommendation to issue these PTI's as drafts. You will be receiving these drafts as soon as they can be processed.

The technical review identified an area, however, where additional information is required before final permits can be issued. An evaluation of the radiological impact of the new or modified sources is required. Preferably, this evaluation should be in the form of RADSCREEN model runs for each source under design maximum operating rates. Alternatively, a detailed inventory of nuclides and associated release rates should be submitted. We will hold the issuance of the final permits until this information is received and the results of the impact studies are reviewed.

If you have any questions regarding this request or the RADSCREEN model, please contact Tom Tucker of my staff at (614) 644-2270.

Sincerely,

Robert F. Hodanbosi, P.E., Manager
Air Quality Modeling & Planning
Division of Air Pollution Control
JTT:jlc

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1